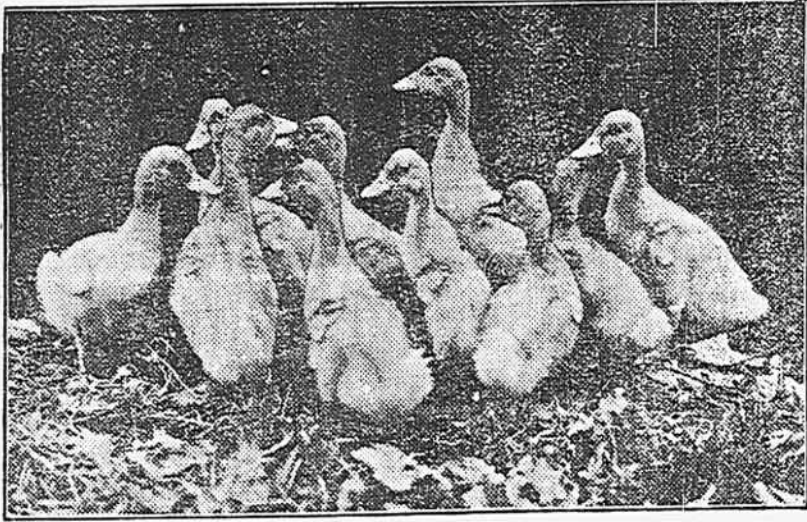


CONCISE LESSON IN BREEDING POULTRY



"Ducklings."

(By IDA M. SHEPLER.)

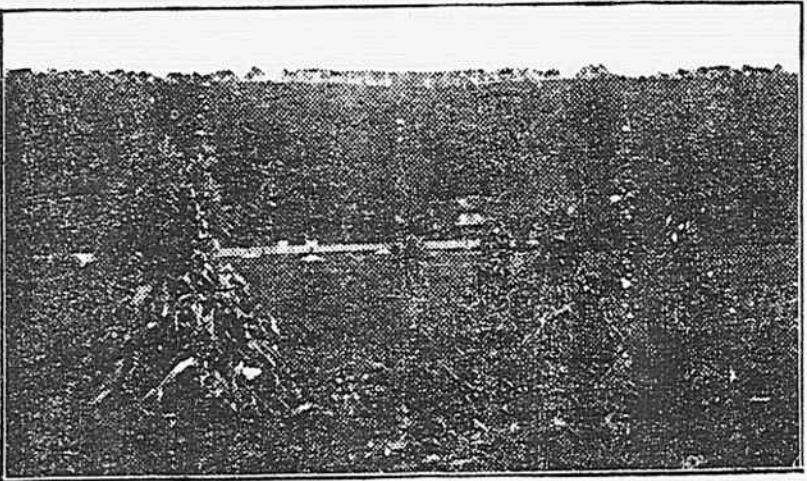
It is odd the strange markings we get when crossing most of the varieties of fowls known. Crossing the male of one breed with the hens of another will in every instance I have known, produce a differently marked chick from that of the chicks produced by crossing the hens of the first breed with males of the second. For instance, crossing a Barred Rock male with hens of a certain game breed, you get all Barred chicks, but cross the rooster of the game breed to Barred Rock hens, and you get all black. Sometimes in crossing one of our other common breeds with that of another will produce pencilled fowls if the rooster of the first breed is mated with second, and spotted rooster of second breed is mated with hens of the first. Not only this, but the shape of the first may be bulky, while that of the second is long and gangly. Ducks, too, show strange markings when crossed, sometimes the cross looking exactly as some of our oddly marked ducks that, as far as we know, do not enter at all into the past breeding of either cross. Once, in mating a black topped knot rooster with a white hen, breed of each then unknown to me, I produced a white fowl showing but one black spot, the top knot eliminated. I used these chicks, male and female, and interbred them. Result, always a white chick with a black spot somewhere on its coat—never twice in the same place.

Some people would like to line breed, but scarcely know how to begin. Line breeding proper is simply started with, say, a finely marked hen of the standard breed required, and a male of same requirement, neither in any way related. Both picked from vigorous flocks. In second year, the pullets of this mating are bred back to their sire, and the

best marked and nearest to the standard cockerel, back to the mother. This should be kept up until the fourth year, each year, breeding back the last year stock selected as your breeders to this first pair—should they live so long, and usually they will if cared for right. After the fourth year you have now two distinct lines from which you can select your breeders at will, keeping, of course, the breeders well marked so that you may as far out as far as possible to in the relationship. This is for small yards. Should the farmer start line breeding, with plenty of room at his command for separate pens and yards, he can start in with from five to ten hens and males as a beginning. From the breeding stock hatched in this graded flock he should make a specialty of breeding stock of both sexes for sale.

Proteins, which is a product of soy beans, is now taking the place of meat in many western poultry yards. Soy beans are rich in protein. People often ask what are the meat foods used in the poultry business. How much must I feed them, and how often? Well, there are meat scraps, which may be flesh or liver boiled, and cut in small bits. Some of it is horse meat, some the bits of meat left about any beef shop, pork, beef, mutton. Some of it again is the refuse of chickens about the poultry killing houses. Next is meat meal, dried blood, dried fish, fresh cut bone, skim and buttermilk. Meat scraps contain highest per cent. of protein. Some poultry keepers feed the animal foods, unless it may be milk, but three times a week, giving each fowl two tablespoonfuls at a meal. Others give this amount, or half of it, every day in the mash. Milk can safely be fed every day. Some poultry keepers, going in heavily for winter eggs, keep meat scrap in hoppers always before the hens.

NOTES ON PRACTICAL FARM MANAGEMENT.



Corn Left in the Shock.

(By W. MILTON KELLY.)

My experience with handling corn fodder during the past ten years has convinced me that the husker and shredder is a very valuable tool on all dairy farms where more corn fodder is raised than can be preserved in the silo, or, on farms where there is no silo.

The value of good shredded stover will compare favorably with timothy hay, and the various experimental farms report very satisfactory results while feeding it to young stock, beef cattle, sheep and horses.

Many farmers have made a failure of keeping the shredded fodder in good condition for feeding, while others seem to have no difficulty in keeping it for weeks, when they can feed it out.

Some claim that it will keep nicely by running it in the mow with a layer of straw and then a layer of fodder, gradually filling the mow with the mixture.

We have found it rather an uncertain feed to keep, and after trying every method that we could think of we now make a practice of shredding the fodder and then running it through the ensilage cutter into the silo and keep well wet down and packed, and find that the cows like it about as well as they do the ensilage put up in the ordinary manner.

When this method is to be practiced it is best to leave some of the best eared corn in the shock until the silos have settled and the top ensilage fed off, and then refill them in November with the shredded stover.

True economy in farm matters is a wise use of resources.

The farmer who breeds up a good herd of dual-purpose cattle is going to be at the front of the row some day.

All who have never tried it are absolutely sure they could make a big success of raising chickens, and do it easy.

If the roof of the sheep barn leaks better fix it up now before the snow comes. Sheep will not thrive on muddy floors.

A dog and a cow seldom agree, so never give them a chance to disagree. Keep the dogs and cows away from each other.

Ditches dug around the hardy plants in the yard, to carry off the water, will often save their lives. Plants can stand a good deal of abuse, but if compelled to remain in ice very long, are apt to succumb.

GENERAL FARM NOTES

Rough treatment invariably makes a mean dispositioned horse.

That food that contains the most of constituents of bone and muscle is the best food for raising colts.

Sweet clover is not a rival of red clover or alfalfa, and is not needed, where these plants do well.

One acre of alfalfa will furnish more storage for hogs than two acres of clover, as it grows faster and keeps on growing as fast as the hogs eat it down.

Fresh air and sunshine are important as well as food. Hens kept in a close, stuffy house without sufficient air and sunshine never lay the maximum number of eggs.

WRAPS FOR EVENING

INFINITE VARIETY FROM WHICH TO CHOOSE.

Both in Material and Design the Choice is Left to the Individual Desire—Fine One in Plain and Brocaded Velour.

Certainly no one will have any cause to complain of any lack of variety in evening wraps this winter, writes Lillian Young in the Washington Star. They are as original and show as much individuality as the gowns, which is saying a great deal. There is no restriction as to material and, as to design, the three-quarter and full length effects are about equally popular.

The shorter hip length models, while still in vogue, have been abandoned for winter wear, though it is predicted by authorities that Dame Fashion will pick up the thread of their existence and make them popular again next spring.

The smart and serviceable wrap sketched herewith shows the unabated favor accorded the use of different materials in one design. In most of the latest wraps such combinations are decidedly in evidence, not only in varying weaves, but in contrasting colors.

The model under discussion will serve as a dressy street wrap and as an evening wrap, and will work out well in almost any color scheme. In this particular instance black brocaded velour and plain black velour are combined with cuffs and neck facing of white mouflon or fox.

The upper part of brocade has wide sleeves cut in one with the body, and the cut-away effect of the front is the result of the method in which the plain velour lower portion of the wrap is attached. This is brought up to the bust line in a diagonal line from the waist at either side, and from there it rounds away across the back on a level with the hips.

Each front section is laid in three even plaits caught under the fur collar and hang from there in gracefully draped folds to the knees.

The lower edge must be close fit.



Serviceable Wrap in Plain and Brocaded Velour.

ting. This is regulated by the front drapery at the line of closing.

Special attention is given to linings. They can be as elaborate as personal taste dictates, in evening shades to match one's gown or in a color that corresponds to the wrap itself.

Colored Hose Best.

Colored stockings with buttoned boots are the autumn's fancy, and many women find colored hose much better for the feet than black hose. In these days of narrow skirts the stocking, even above the buttoned boot top, is much in evidence, for it is impossible to raise the skirt in crossing a street, or sit on a low chair without showing a little at least of the limb above the boot top. Silver gray and smoke gray silk stockings are in favor also, and certain shades of deep, rich red. Few women wear blue stockings, and green stockings are a little too pronounced in hue to be popular with any but those who go in for extremes. With the dressy evening boot of patent leather, with high French heel and buttoned top of kid, flesh-colored stockings or those of palest buff are fancied.

Beauty Veils.

The latest half concealing, half-revealing veil is of very pale flesh pink tulle that is traced over with fine black silk in a sort of shadowy design. French women are charmed with these veils, and, indeed, they are becoming, as they lend a sort of delicate pinkish glow to the skin and make the eyes look large and dark.

Nervous?

Mrs. Walter Vincent, of Pleasant Hill, N. C., writes: "For three summers, I suffered from nervousness, dreadful pains in my back and sides, and weak sinking spells. Three bottles of Cardui, the woman's tonic, relieved me entirely. I feel like another person, now."

TAKE

Cardui

The Woman's Tonic

For over 50 years, Cardui has been helping to relieve women's unnecessary pains and building weak women up to health and strength. It will do the same for you, if given a fair trial. So, don't wait, but begin taking Cardui today, for its use cannot harm you, and should surely do you good.

E-72

LUNG DISEASE

"After four in our family had died of consumption I was taken with a frightful cough and lung trouble, but my life was saved and I gained 87 pounds through using

DR. KING'S NEW DISCOVERY

W. R. Patterson, Wellington, Tex. PRICE 50c and \$1.00 AT ALL DRUGGISTS.



The Youth's Companion

No Present like it for any one in any home at any price.

Give it to whom you will, you will find all the family looking for it. It is more than 52 numbers filled with delightful reading—it is an influence for all that is best in home and American life.

52 times a year - not 12

Christmas Coupon

Cut this out and send it with \$2.00 for The Companion for 1914, and we will send FREE all the issues for the remaining weeks of 1913 and The Companion Practical Home Calendar for 1914.

THE YOUTH'S COMPANION
144 Berkeley Street
Boston, Mass.

scriptions Received at this Office
See Our Family Combination Offer Elsewhere

NOTICE TO FARMERS:

The Charlotte Semi-Weekly Observer is the only newspaper in the South that allows farmers to advertise free of charge, and The Semi-Weekly Observer prints all the news that's fit to print. Do you want anything? Have you anything to sell. Send your advertisement and it will be published three times free of charge and you will get the paper two weeks FREE. Address,

The Charlotte Semi-Weekly Observer,
CHARLOTTE, N. C.

Cures Old Sores, Other Remedies Won't Cure.
The worst cases, no matter of how long standing, are cured by the wonderful, old reliable Dr. Porter's Antiseptic Healing Oil. It relieves Pain and Heals at the same time. 25c, 50c, \$1.00



Prevents Worry and Fear

AT THE LAST MOMENT it was necessary to postpone the visit to relatives in a distant city. Anything short of a full explanation would cause worry and fear. What could be done?

The Long Distance Bell Telephone solved the problem. A personal talk cleared up the situation, dispelled worry and completed plans for a visit at a later date.

In every day, personal affairs the Long Distance Bell Telephone can save you worry, inconvenience and loss of time. Why not try it?

By the way, have you a Bell Telephone?



SOUTHERN BELL TELEPHONE
AND TELEGRAPH COMPANY

Don't Read

If not interested. But you are obliged to be interested where money is to be saved in the purchase of necessities of life both for yourself and livestock. We are now in our warehouse, corner of Fenwick and Cumming streets, two blocks from the Union Passenger Station where we have the most modern warehouse in Augusta with floor space of 24,800 square feet and it is literally packed with Groceries and feeds from cellar to roof. Our stock must be seen to be appreciated. Our expenses are at least \$450.00 a month less since discontinuing our store at 863 Broad street, and as goods are unloaded from cars to warehouse, we are in a position to name very close prices. If you really want the worth of your money see or write us

ARRINGTON BROS. & CO.

Augusta, Ga.

Farm Land Bargains

50,000 acres of improved and unimproved lands at prices that will sell them. These lands are situated in "Wire-Grass Georgia" the best farming section in the state. No terracing and no irrigation. 202½ acres, 65 under cultivation, 85 acres fenced, mostly wire, 55 eared, not broke. Near three churches, good school; on one public ad and nearing another. Good 4-room frame house, two fire places, good barn and good well. 10 miles to two good markets. Rents for \$100 cash per year. Will sell for \$15 per acre cash. 175 acres, one and one half miles from Lumber City, Ga.; 90 acres eared, stumped and under cultivation; extra good 4-room house, two e places; good barn; good well also spring on place. 130 pecan trees three years old and all under good wire fence. For quick sale will take \$5 per acre.

These lands have good clay sub-soil and we have a number of others high we can not describe in this space. If these do not suit you let us hear from you and we will give you further information. If not as represented will pay your railroad fare.

A. J. Wismer & Co.

Lumber City, Georgia.

FIRE INSURANCE

E. J. NORRIS, Agent
Edgefield, South Carolina

Representing the HOME INSURANCE
COMPANY, of New York, and the old
HARTFORD, of Hartford, Connecticut.

The HOME has a greater Capital and
Surplus combined than any other
company.

The HARTFORD is the leading com-
pany of the World, doing a greater
Fire business than any other Co.

See Insurance Reports

PRUDENTIAL

LIFE

HAS THE STRENGTH OF GIGANTIC

E. J. Norris.

FIRE AND LIFE INSURANCE